

Work Order ID 121744

121744

Page 1

July-02-14 3:16:19 PM

Item ID: D407-627-013

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Heli-Utility-Pod™ RH

Start Date: 7/02/14 Start Qty: 1.00

1

Cust Item ID:

Required Date: 7/04/14 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: MLJ Date: 140703

Tooling:

Date:

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____

Date:

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

DSI 9518

A

100

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy blue file & create labels per PPP D407-627-013 CHG006/ DSI9518

DAS
06
9-89

JUL 07 2014

110

0.00

110

Packaging

Packaging

Memo

0.00

Packaging

Apply label D2851-154 & D2853 per PPP D407-627-013

Pick Kit

IX

DAS
28
9-89

JUL 03 2014

120

0.00

120

QC4- 100% Inspect kits for completeness

QC

Memo

0.00

Quality Control

DAS
06
9-89

JUL 07 2014

July-02-14 3:16:18 PM

Work Order ID: 121744

Parent Item: D407-627-013

Parent Item Name: Heli-Utility-Pod™ RH

121744

D407-627-013

Start Date: 7/02/14**Required Date:** 7/04/14

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:E Added Labels EC 01-07-10
IPP Rev:F 09-01-16 added D3863-1 as per ECN09-501 DD verified
by:ec IPP Rev:G as per DSI
9518 DD 10.05.03 verified :EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN3-5A *AN3-5A* Bolt		Purchased	No			110	Each	358.0000	6	6			
									**			DAS 28 9-89	JUL 03 2014
					<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			
					ST350			358					
					117423			6					
					124561			50					
					m126559			92					
					m129246			69		6x			
					m129507			141					
D2694 *D2694* Pod, 350/407		Manufactured	No			110	Each	0.0000	1	1			
									**			63356	
D2851-154 *D2851-154* Label		Manufactured	No			110	Each	9.0000	1	1			
									**			DAS 28 9-89	DAS 31 9-89
					<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			
					ST023			9					
					26147			9		121917			
D2852 *D2852* Label		Manufactured	No			110	Each	10.0000	1	1			
									**			DAS 28 9-89	DAS 31 9-89
					<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			
					ST011			10					
					30108			2					
					33084			8		1x			

Picklist Print

July-02-14 3:16:19 PM

Page 2

Work Order ID: 121744

121744

Parent Item: D407-627-013

D407-627-013

Parent Item Name: Heli-Utility-Pod™ RH

Start Date: 7/02/14

Required Date: 7/04/14

Start Qty: 1.00

Required Qty: 1.00

D2853

Manufactured No

110

Each

46.0000

1

DAS
28
9-89

JUL 03 2014
DAS
31
9-89

D2853

Label

DAS
06
9-89

Location

Loc Qty

Loc Code

Mezz

46

11332

46

Manufactured No

110

Each

39.0000

**

DAS
28
9-89

DAS
31
9-89

D3863-1

D3863-1

Tube

DAS
06
9-89

Location

Loc Qty

Loc Code

ST408A

39

44876

39

Manufactured No

110

Each

1.0000

**

DAS
31
9-89

D407-301-011

D407-301-011

Center Bracket

DAS
06
9-89

Location

Loc Qty

Loc Code

FG037

1

73187

1

Manufactured No

110

Each

1.0000

**

DAS
31
9-89

D407-302-011

D407-302-011

Outboard Bracket

DAS
06
9-89

Location

Loc Qty

Loc Code

FG037

1

73188

1

July-02-14 3:16:19 PM

Shop Packet Print

Page 2

DAS
06
9-89

JUL 07 2014

5. WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D407-627-013	53.3 lb	41.6 in	2217.3 in-lb	115.75 in	6169.5 in-lb
<i>Heli-Utility-Pod™</i> Installation	24.2 kg	1.06 m	25.62 m-kg	2.94 m	71.15 m-kg

6. PARTS LIST

Qty D407- 627-013	Qty D407- 301-011	Qty D407- 302-011	Part Number	Description
X			D407-627-013	HELI-UTILITY-POD™ INSTALLATION
1	X		D407-301-011	CENTER BRACKET KIT (3), 206L/L1/L3/L4/407
1		X	D407-302-011	OUTBOARD BRACKET KIT (3), 206L/L1/L3/L4/407
1			D2694	UTILITY POD ASSEMBLY
6			AN3-5A	BOLT
6			AN960JD10	WASHER
6			MS21042-3	BOLT (OR MS21042L3)
1			D2852	PLACARD
1			D2851-154	PLACARD
1			D2853	PLACARD
	2		D2764	CROSS BEAM
	1		D2796	MIDDLE CROSS BEAM
	6		AN4-13A	BOLT
	6		AN960JD416	WASHER
	6		MS21042-4	NUT (OR MS21042L4)
		2	D2012-107	CLEVIS
		4	D2022-101	SPACERS
		6	D2690-5	LANYARD ASSEMBLY
		3	D2846	SUPPORT ARM
		12	D2847	LUG
		1	D2848	STRUT
		6	BLBS-020	PIP PIN (OR BLRS-020, OR BLC4BA15S, OR BLC4RA15S)
		6	AN3-5A	BOLT
		2	AN4-10A	BOLT
		1	AN4-14A	BOLT
		11	AN4-17A	BOLT
		1	AN4-20A	BOLT
		18	AN960JD10	WASHER
		15	AN960JD416	WASHER
		6	MS21042-3	NUT (OR MS21042L3)
		15	MS21042-4	NUT (OR MS21042L4)

• COPYRIGHT © 1996 BY DART AEROSPACE LTD. •

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: D

Date: 01.05.11

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D407-627 REV. D AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS
ICA-D407-627 REV. 1 & ICA-D407-663 REV 0

REF:

TCCA STC SH00-28
TCCA STC SH98-57
FAA STC SR01246NY
FAA STC SR01364NY

THE PURPOSE OF THIS DSI IS TO PROTECT THE MANUAL CARGO RELEASE CABLE ON AIRCRAFT EQUIPPED WITH A CARGO HOOK AND THE D407-627-013 HELI-UTILITY POD OR D407-663-011 HELI-UTILITY BASKET.

THE DSI 9428-011 CABLE CONNECTION GUARD KIT HAS BEEN INCORPORATED INTO D407-663-011 HELI-UTILITY BASKET KITS AT CHG 003 AND SUBSEQUENT AND D407-627-013 HELI-UTILITY POD KITS AT CHG 005 AND SUBSEQUENT. OPERATORS WHO HAVE D407-663-011 HELI-UTILITY BASKET KIT CHG 002 AND EARLIER OR D407-627-013 HELI-UTILITY POD KIT CHG 004 AND EARLIER MAY ORDER THE DSI 9428-011 CABLE CONNECTION GUARD KIT.

THE DSI 9428-011 CABLE CONNECTION GUARD KIT INCLUDES QTY (1) D3863-1 GUIDE. THE D3863-1 GUIDE IS TO BE INSTALLED OVER THE MANUAL CARGO HOOK RELEASE CABLE WHERE IT PASSES THE CENTER OF THE D2796 SUPPORT ARM OF THE BASKET/POD. THE D3863-1 GUIDE IS INTENDED TO PREVENT THE MANUAL RELEASE CABLE CONNECTION FROM BEING CAUGHT ON THE EDGE OF THE HOLE IN THE D2796 SUPPORT ARM SHOULD A MIS-ALIGNMENT EXIST.

THE DSI 9428-011 CABLE CONNECTION GUARD MAY BE INSTALLED AFTER THE D2796 SUPPORT ARM HAS BEEN INSTALLED AS FOLLOWS:

- 1) DISCONNECT THE MANUAL RELEASE CABLE AT THE CONNECTION POINT UNDER THE BELLY OF THE HELICOPTER.
- 2) SLIDE THE D3863-1 GUIDE OVER THE CABLE.
- 3) RECONNECT THE CABLE.
- 4) POSITION THE D3863-1 GUIDE SO THAT IT IS CENTERED ON THE MANUAL RELEASE CABLE CONNECTION.

SEE FIGURE 1 FOR DETAILS.

PARTS LIST

ITEM	QTY -011	PART NUMBER	DESCRIPTION
1	X	DSI 9428-011	CABLE CONNECTION GUARD KIT
2	1	D3863-1	GUIDE

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: D. SHEPHERD (DE # 02)

DATE: 08.12.01
CERT. NO.: SH00-28/SH98-57
ISSUE NO.: 1 / 2

A	NEW ISSUE	08.12.01
REV	DESCRIPTION	BY DATE
DESIGN		
DRAWN		
CHECKED	ASS	
MFG. APPR.	N/A	
APPROVED		
DE APPR.		
DATE	08.12.01	

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. DSI 9428	REV. A SHEET 1 OF 2
TITLE CABLE CONNECTION GUARD	
SCALE NTS	
COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	